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BICUBIC

FIG. 3
PRIOR ART



BACKPROJECTION

FIG. 4
PRIOR ART



ORIGINAL IMAGE

FIG. 1
PRIOR ART



NEAREST NEIGHBOR

FIG. 2
PRIOR ART

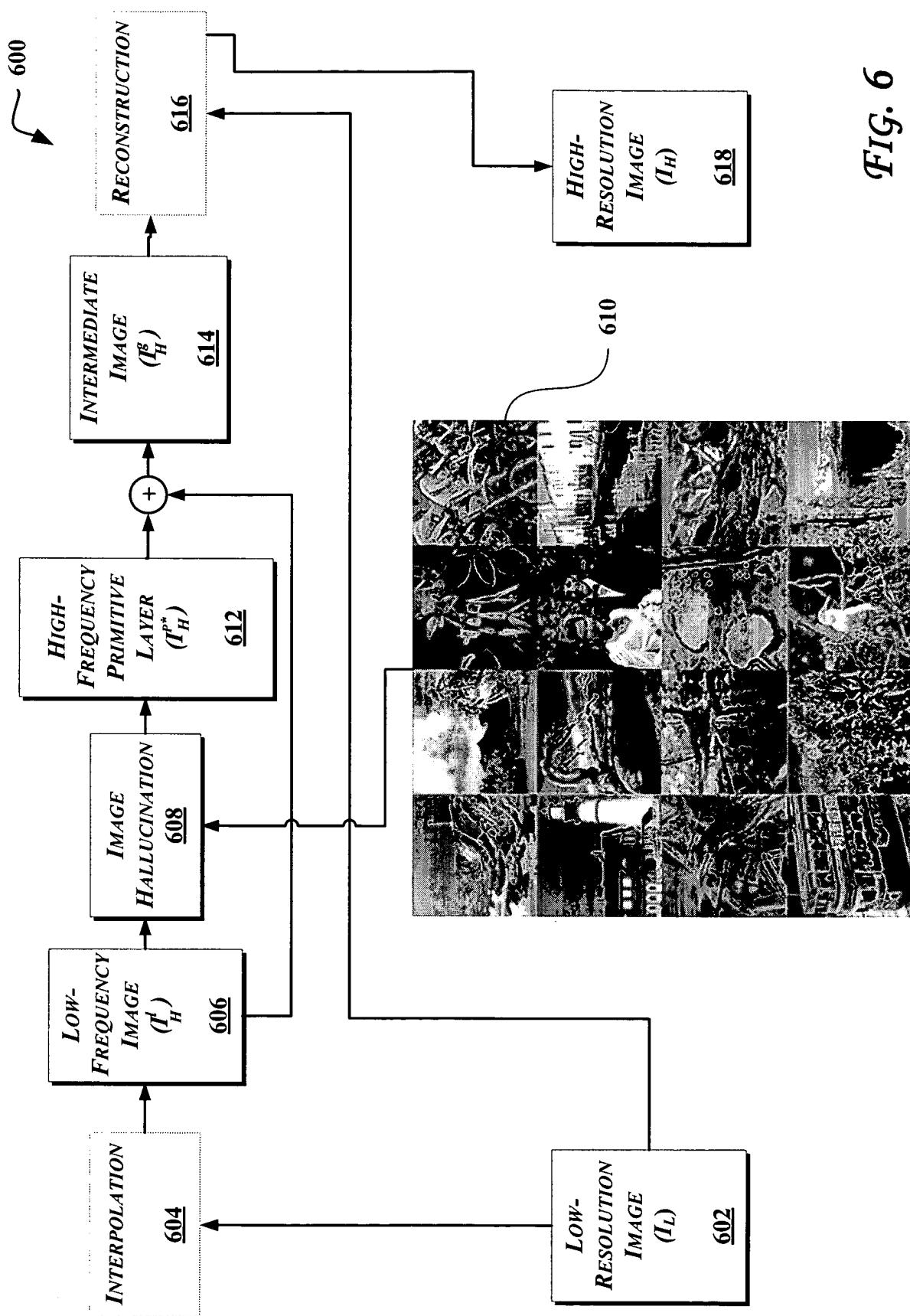


FIG. 6

TRAINING IMAGES



I_L

FIG. 7



I'_H

FIG. 8



I_H^*

FIG. 9

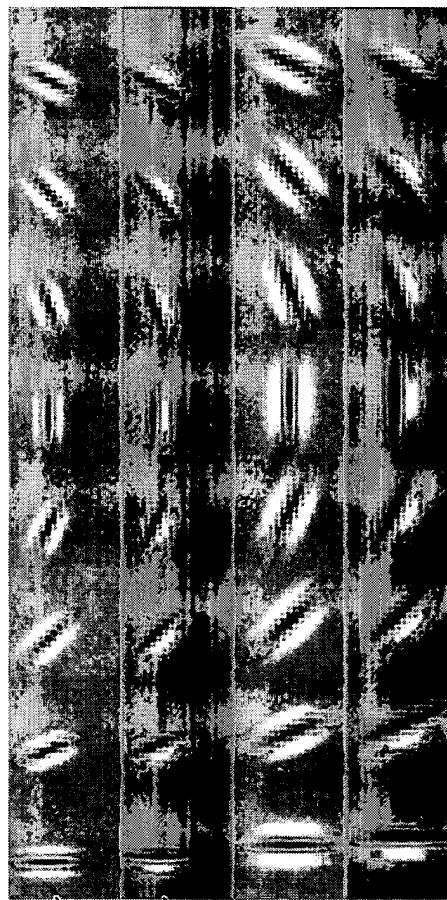


I_H

FIG. 10



FIG. 11



1202

1204

1206

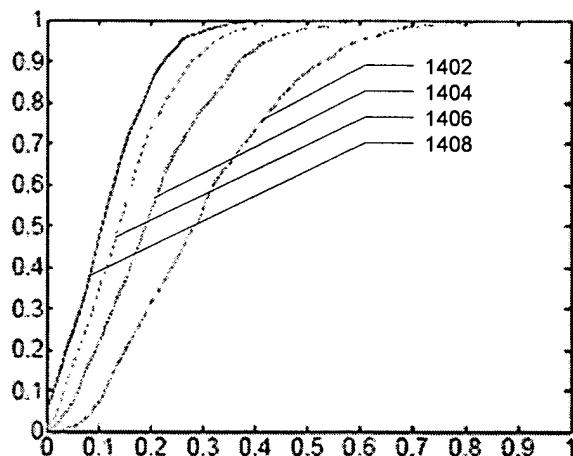
1208

FILTER BANK

FIG. 12

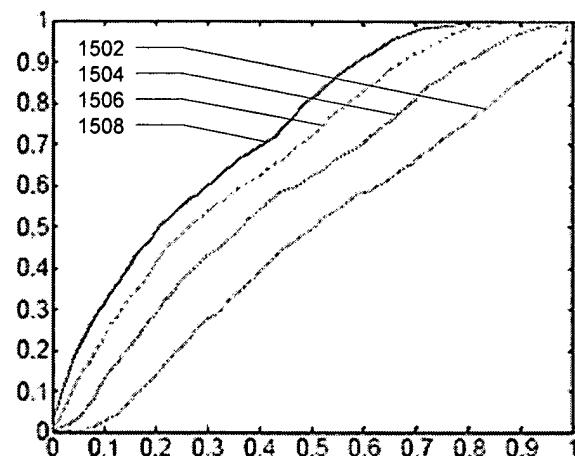
TYPICAL PRIMITIVES

FIG. 13



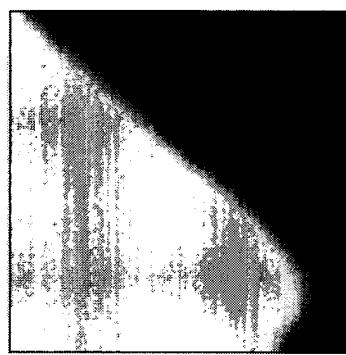
PRIMITIVE TRAINING DATA

FIG. 14



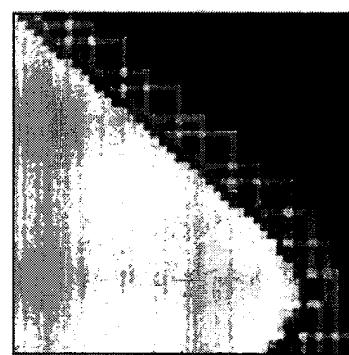
COMPONENT TRAINING DATA

FIG. 15



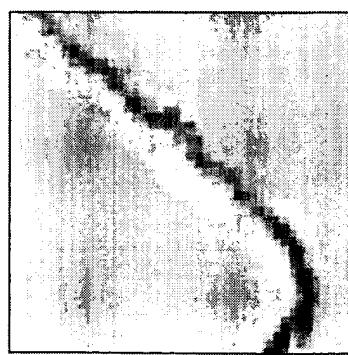
LOW-FREQUENCY IMAGE

FIG. 17



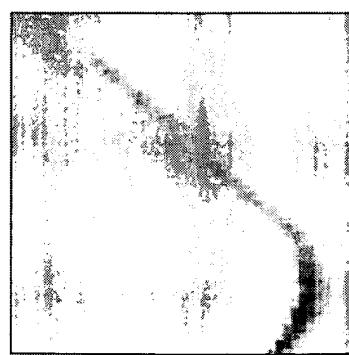
EXTRACTED CONTOUR
PATCHES

FIG. 18



NEAREST NEIGHBOR

FIG. 19



MARKOV CHAIN

FIG. 20

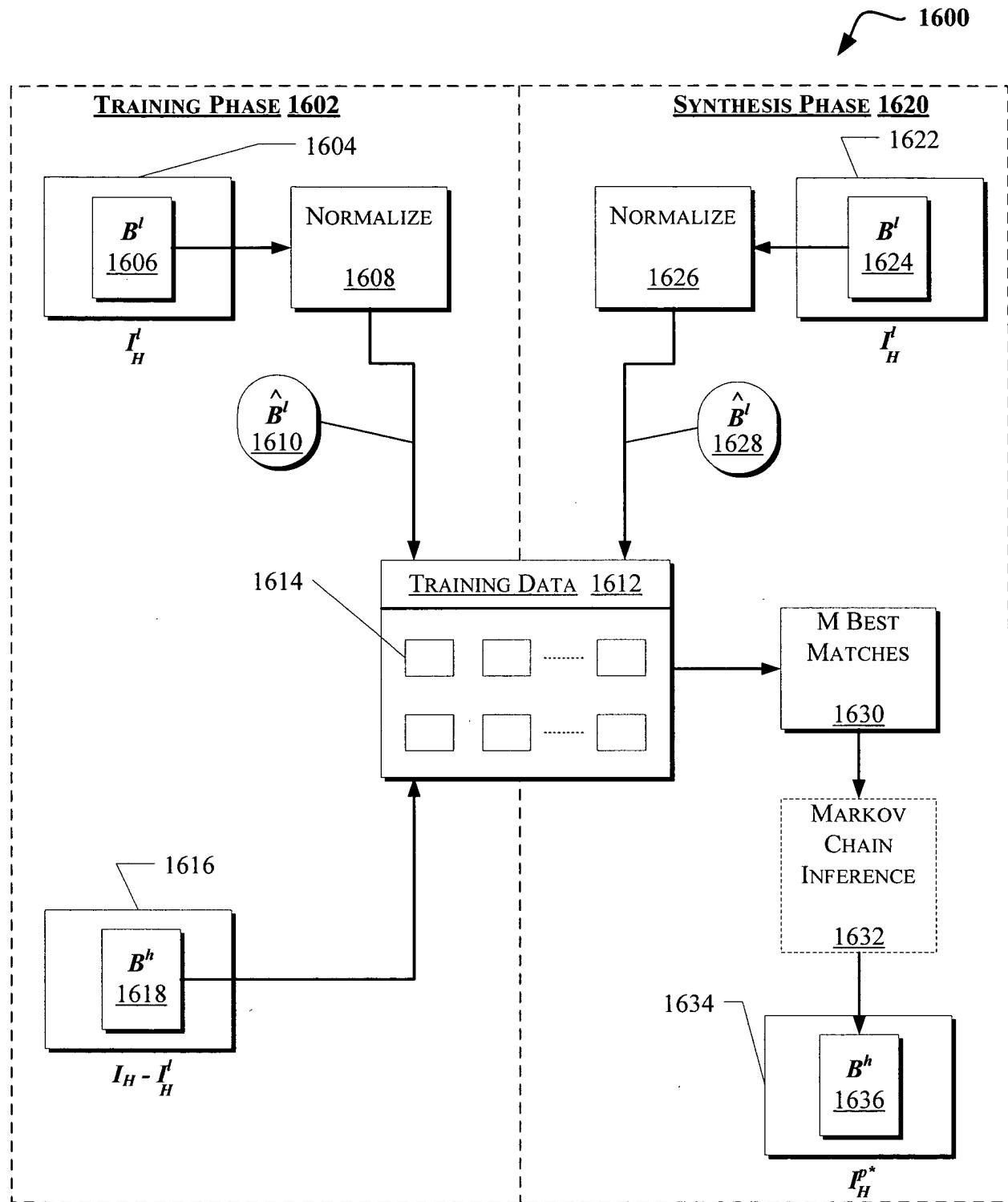


FIG. 16

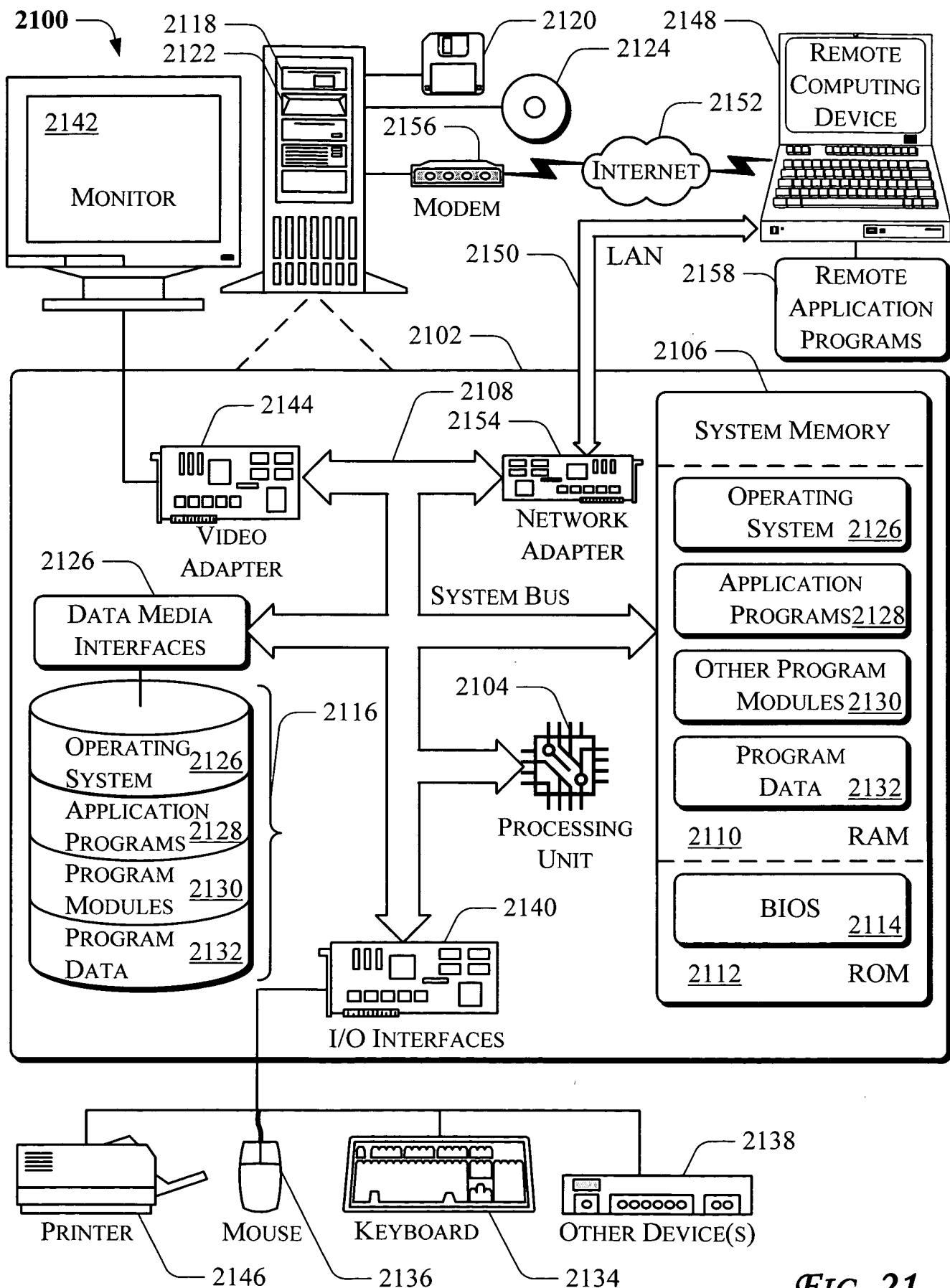
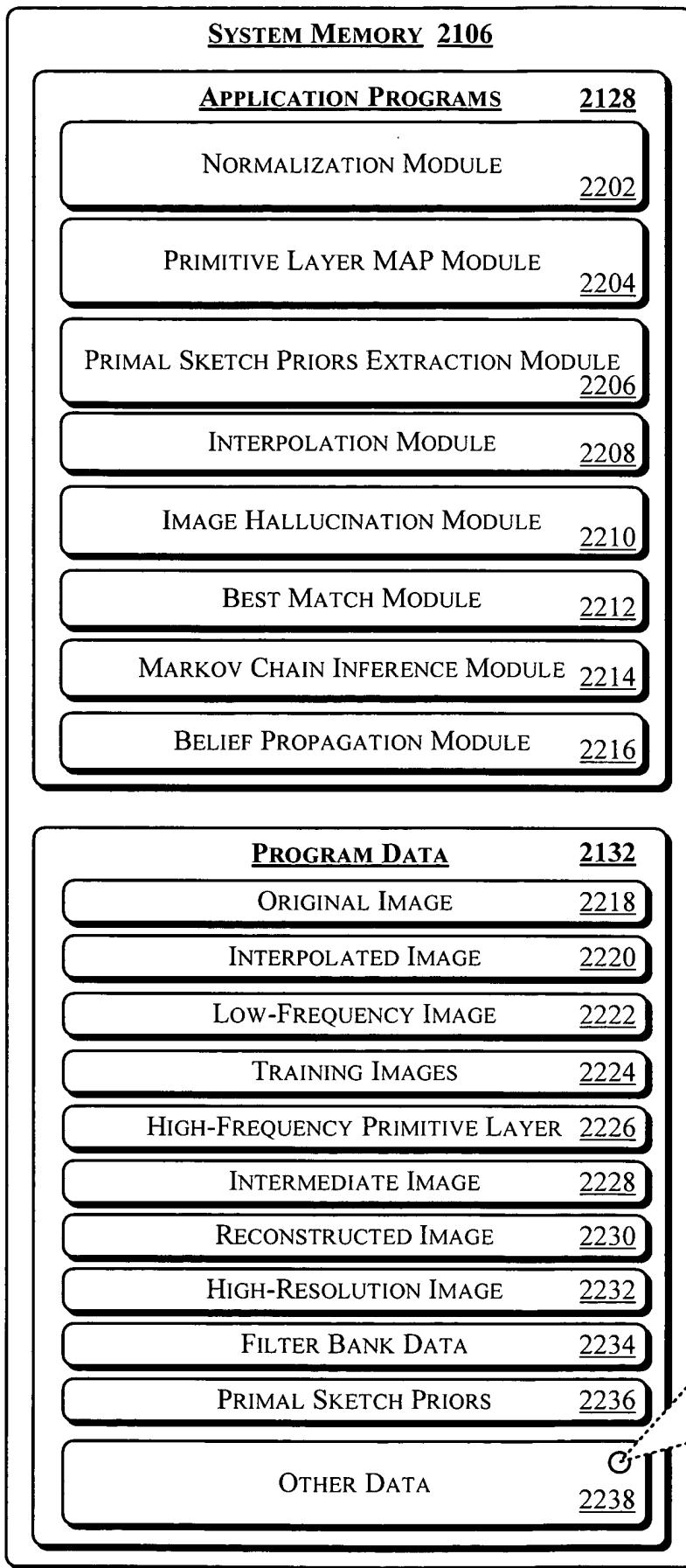


FIG. 21



2200

E.G., BEST MATCHED EXAMPLES,
BELIEF PROROGATION DATA,
MARKOV CHAIN INFERENCE
DATA, LOW-FREQUENCY
PRIMITIVES, NORMALIZED LOW-
FREQUENCY PRIMITIVES, HIGH-
FREQUENCY PRIMITIVES,
CONTRAST DATA, ETC.

FIG. 22